



NITFS Compliance Registration



Product: **ERDAS IMAGINE Version 8.5, NITF Import/Export Module 011108**

Date: **20 August 2004**

Sponsor: **ERDAS Inc. and Technology Services Corporation (TSC)**

Expiration: **14 January 2006**

Developer: **ERDAS Inc. and Technology Services Corporation (TSC)**

Registration #: **2023**

- ☐ Initial Registration
☒ Supplemental/Update #015
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

NITFS Features Implemented:

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- INTEL DX 75 Mhz (MS Windows 95B)
- Intel Pentium (MS Windows 98)
- Intel Pentium (MS Windows NT 4.0 Sp5)
- Intel Pentium (MS Windows 2000 Professional)
- IBM RS/6000 Workstation (AIX 4.3.2 or 4.3.3 w/Windows)
- Silicon Graphics R4400-R1000 (IRIX ver6.5)
- Sun Ultra (Sun Solaris 2.6, 2.7, and 2.8)

Format

- NITF**
☒ v2.1
☒ v2.0
☐ v1.1
NSIF
☒ v1.0

Pixel Value Types

- ☒ Boolean
☒ Integer
☒ Signed Integer *
☒ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☒ Mapped **
☒ COM, 2301
☒ COM, 2301A
☒ Labels **

Text Segments

- ☒ TA
☒ T1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☒ RGB/LUT
☒ YCbCr
☒ MULTI
☐ NO DISPLY
☐ POLAR

Image Compression

- ☒ Not Compressed
☒ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☒ JPEG Downsample
☐ JPEG Lossless
☐ JPEG 2000
☒ 8-Level
☒ Vector Quantization
☒ Multispectral JPEG, Individual Band

Data Extension Segments

- ☒ PRE OVERFLOW
☒ STREAMING_FILE_HEADER

Tagged Record Extensions

- ☒ IOMAPA
☒ RPFHDR
☒ RPFIMG

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.